

MAGNETO-OPTICAL RECORDING/REPRODUCING SYSTEM MAGNETIC HEAD AND MAGNETO-OPTICAL RECORDING MEDIUM USED THEREFOR

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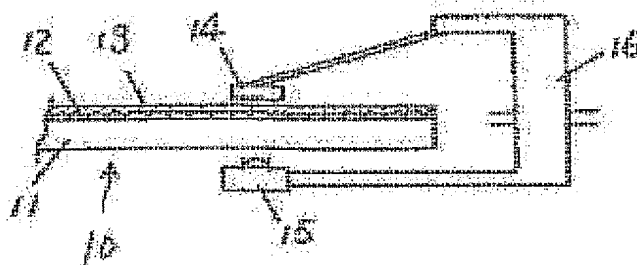
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Abstract of JP 7176103 (A)

PURPOSE: To secure an excellent magnetic head floating traveling property and to attain excellent access and excellent recording/reproducing/erasing of information by suppressing the occurrence of adherence between a magnetic head and a magneto-optical disk in a magneto-optical recording/reproducing system. **CONSTITUTION:** The information is recorded on the magneto-optical disk 10 by floating and traveling the bottom surface of the magnetic head 14 on a protection film 13 formed on the surface of the magneto-optical disk 10. The surface roughness (α) of the bottom surface of the magnetic head 14 and the surface roughness (β) of the protection film 13 of the magneto-optical disk 10 shown by a center line mean peak height (Rpm) satisfy the relational expression of $0.15 \leq (\alpha + \beta) \leq 1.0$. The surface roughness of the bottom surface of the magnetic head 14 is formed by the ruggedness provided with a directional property along the direction of relative movement for the magneto-optical disk 10.



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